

Title (en)
VEHICLE HANDLE DEVICE

Title (de)
FAHRZEUGGRIFFVORRICHTUNG

Title (fr)
DISPOSITIF DE POIGNÉE DE VÉHICULE

Publication
EP 2933407 A4 20160120 (EN)

Application
EP 14760608 A 20140225

Priority
• JP 2013046373 A 20130308
• JP 2014054480 W 20140225

Abstract (en)
[origin: EP2933407A1] The purpose of the present invention is to provide a vehicle handle device which has excellent assembly workability, and which is capable of effectively preventing the operation handle from clanking and the lock knob from drag turning. An operation handle (3) is slid in the rotation shaft direction from the position where the hinge-forming wall (1) is laid across a hinge plate (6) in which a hinge receiving part (2) on one side is formed, and the opposite side, and a shaft-form hinge receiving part (2) is formed integrally with one of the handle base (5) and the operation handle (3), is inserted into the hole-form hinge receiving part (2) of the other of the handle base (5) and the operation handle (3) and is mounted on the handle base (5); during the mounting operation, an engagement claw (7) protruding from the hinge-forming wall (1) engages elastically with the hinge plate (6) to limit movement in the separation direction.

IPC 8 full level
E05B 85/12 (2014.01)

CPC (source: EP RU)
E05B 79/06 (2013.01 - EP); **E05B 85/13** (2013.01 - EP); **E05B 79/06** (2013.01 - RU); **E05B 85/13** (2013.01 - RU)

Citation (search report)
• [AD] JP 3138422 B2 20010226
• [A] WO 2012027265 A1 20120301 - ILLINOIS TOOL WORKS [US], et al
• See references of WO 2014136613A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2933407 A1 20151021; **EP 2933407 A4 20160120**; **EP 2933407 B1 20160921**; CN 105074108 A 20151118; CN 105074108 B 20161214; JP 2014173318 A 20140922; JP 6074294 B2 20170201; KR 101798310 B1 20171115; KR 20150130364 A 20151123; RU 2616318 C1 20170414; WO 2014136613 A1 20140912

DOCDB simple family (application)
EP 14760608 A 20140225; CN 201480010398 A 20140225; JP 2013046373 A 20130308; JP 2014054480 W 20140225; KR 20157027619 A 20140225; RU 2015139519 A 20140225